

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
 Data File : BG023961.D
 Acq On : 7 Sep 2016 20:20
 Operator : UM/SJ
 Sample : H4720-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DI-SW-WEST

Quant Time: Sep 08 08:47:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

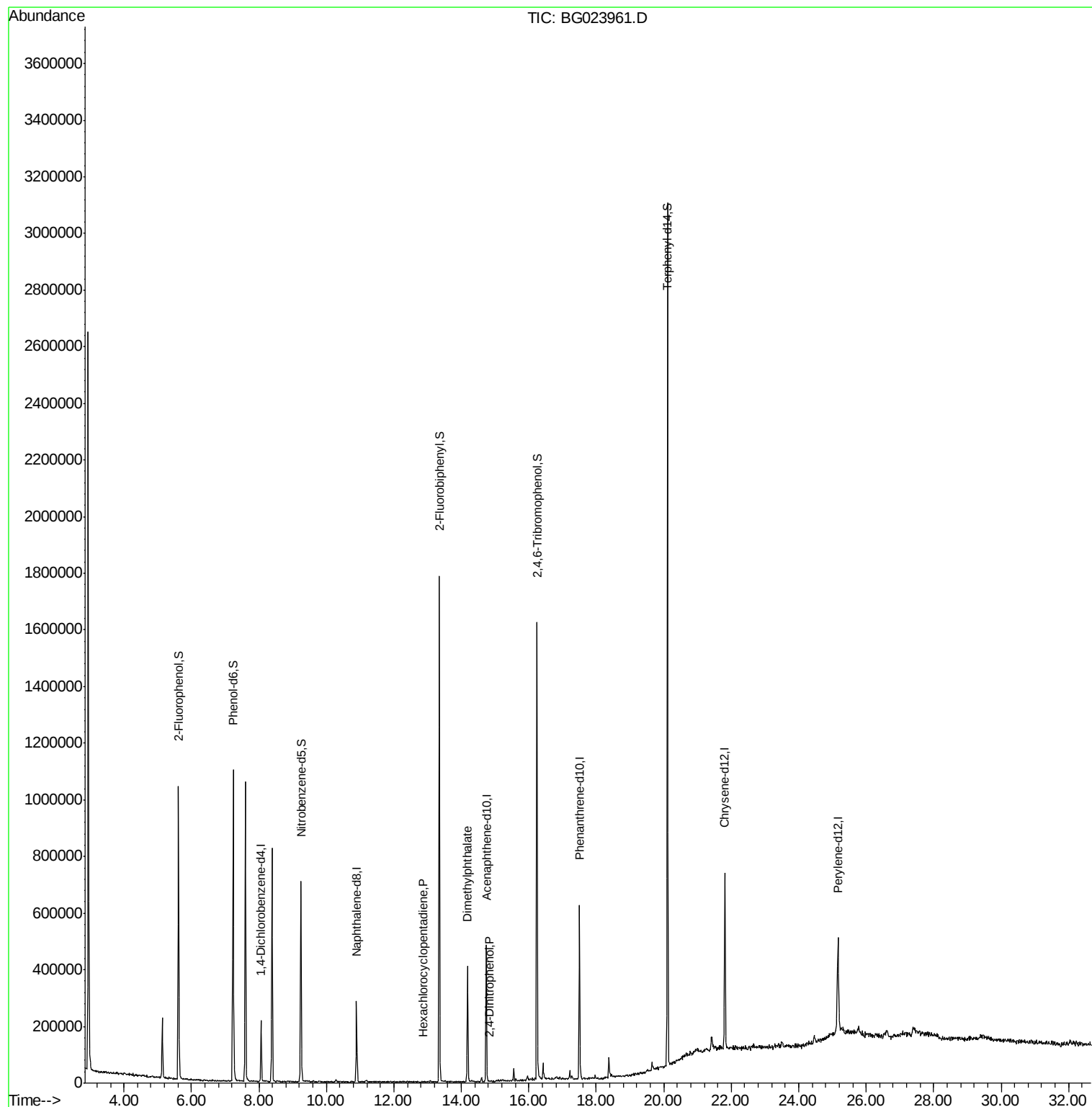
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54476	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	226310	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	154993	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	371960	20.00	ng	-0.02
75) Chrysene-d12	21.81	240	387166	20.00	ng	-0.03
86) Perylene-d12	25.16	264	389888	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	382060	123.13	ng	-0.03
7) Phenol-d6	7.23	99	577470	120.90	ng	-0.03
23) Nitrobenzene-d5	9.24	82	446633	88.11	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	309286	110.76	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	871026	80.57	ng	-0.02
78) Terphenyl-d14	20.11	244	1294518	76.15	ng	-0.02
Target Compounds						
40) Hexachlorocyclopentadiene	12.87	237	80	7.11	ng	Qvalue # 26
49) Dimethylphthalate	14.18	163	249497	18.77	ng	100
53) 2,4-Dinitrophenol	14.84	184	77	6.55	ng	# 10

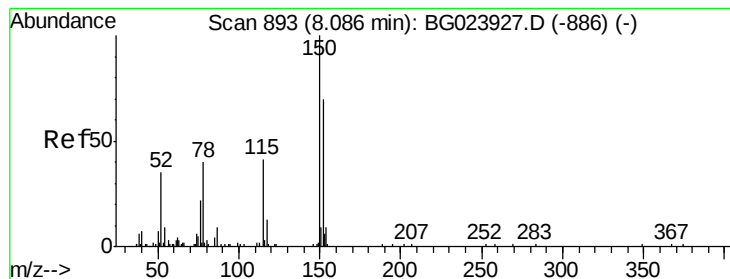
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.02 min

Lab File: BG023961.D

Acq: 7 Sep 2016 20:20

Instrument :

BNA_G

ClientSampleId :

DI-SW-WEST

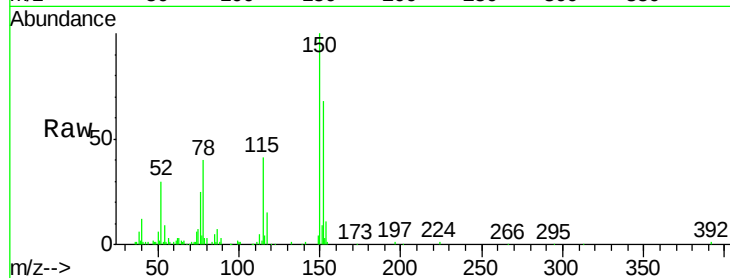
Tgt Ion:152 Resp: 54476

Ion Ratio Lower Upper

152 100

150 147.3 144.7 217.1

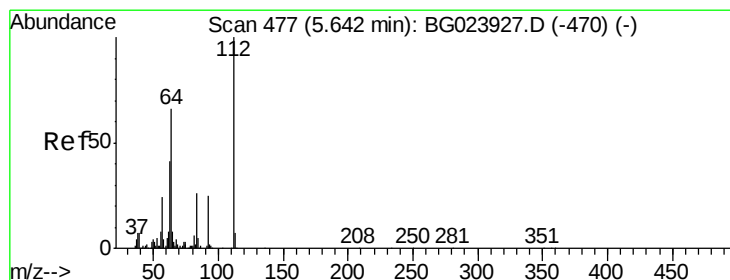
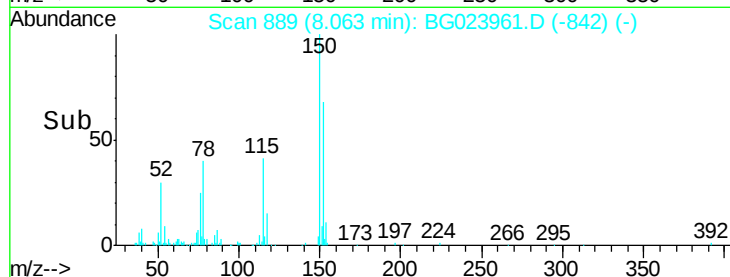
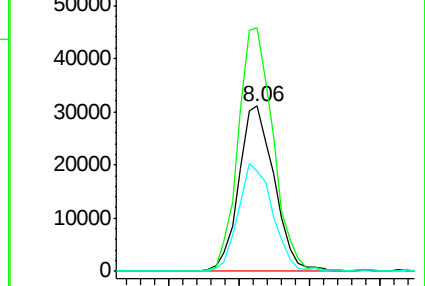
115 60.6 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 123.13 ng

RT: 5.61 min Scan# 472

Delta R.T. -0.03 min

Lab File: BG023961.D

Acq: 7 Sep 2016 20:20

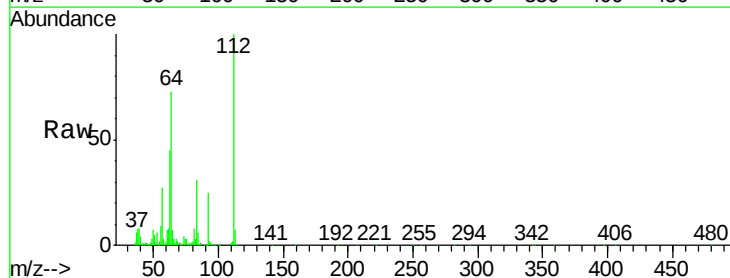
Tgt Ion:112 Resp: 382060

Ion Ratio Lower Upper

112 100

64 72.7 59.0 88.4

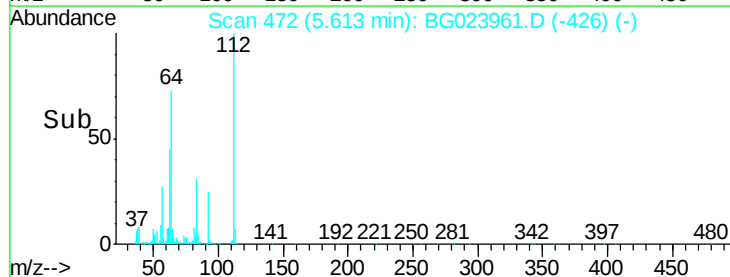
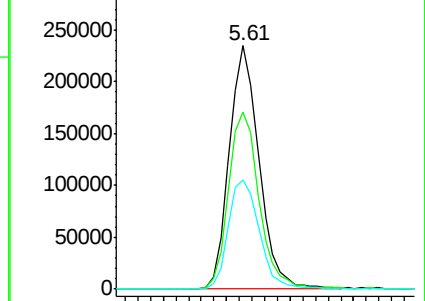
63 44.7 37.8 56.8

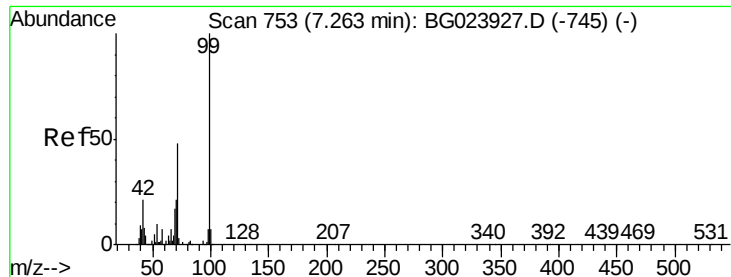


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.90 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.03 min

Lab File: BG023961.D

Acq: 7 Sep 2016 20:20

Instrument :

BNA_G

ClientSampleId :

DI-SW-WEST

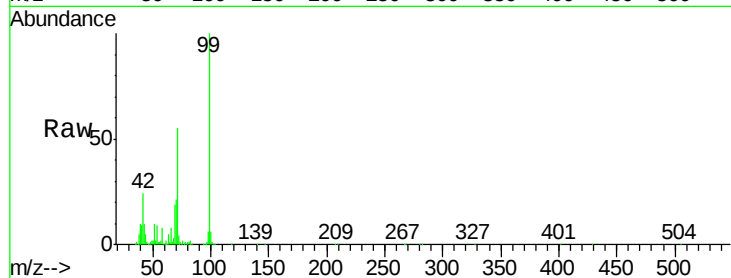
Tgt Ion: 99 Resp: 577470

Ion Ratio Lower Upper

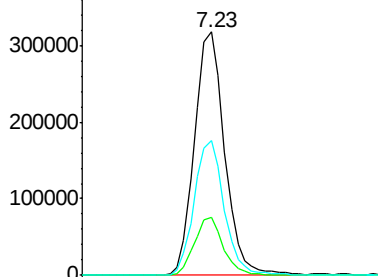
99 100

42 23.9 17.8 26.6

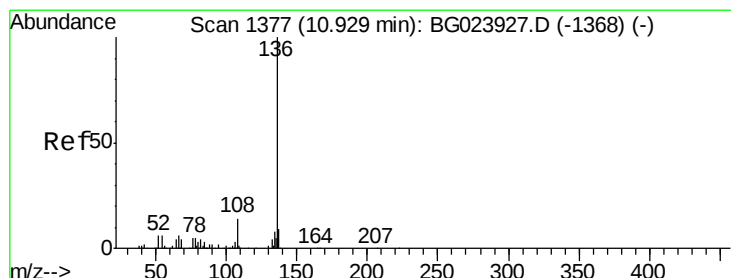
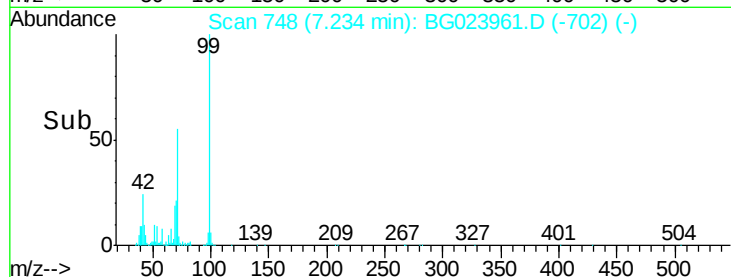
71 55.2 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1371

Delta R.T. -0.03 min

Lab File: BG023961.D

Acq: 7 Sep 2016 20:20

Tgt Ion: 136 Resp: 226310

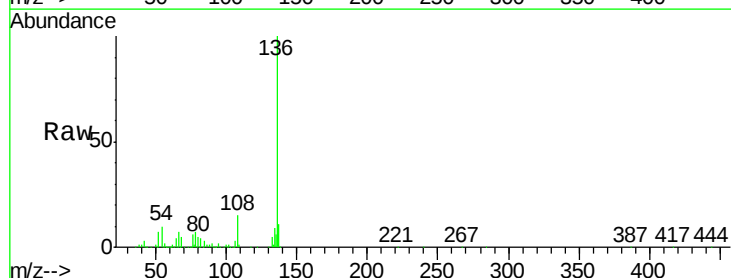
Ion Ratio Lower Upper

136 100

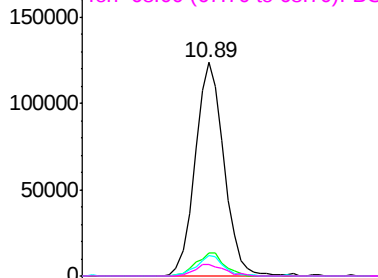
137 11.0 9.6 14.4

54 9.6 7.3 10.9

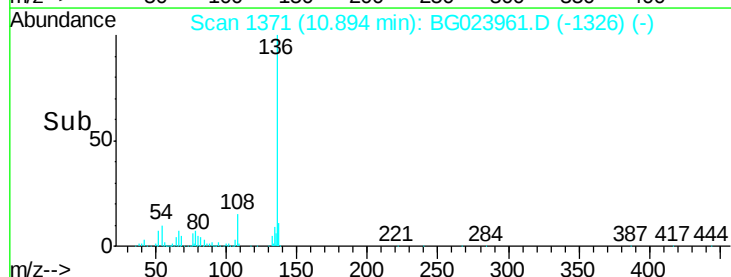
68 5.3 5.3 7.9#

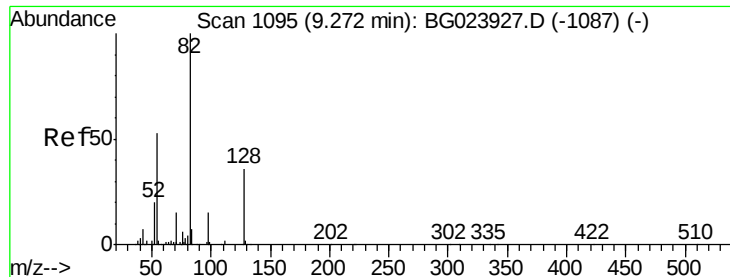


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

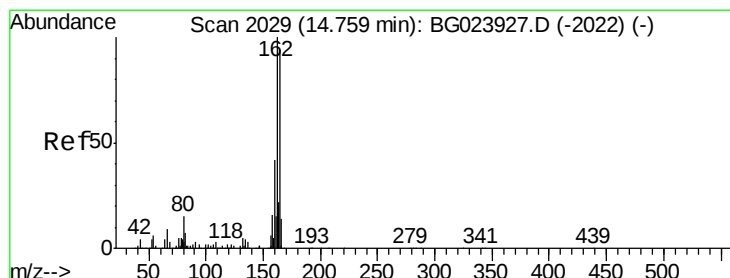
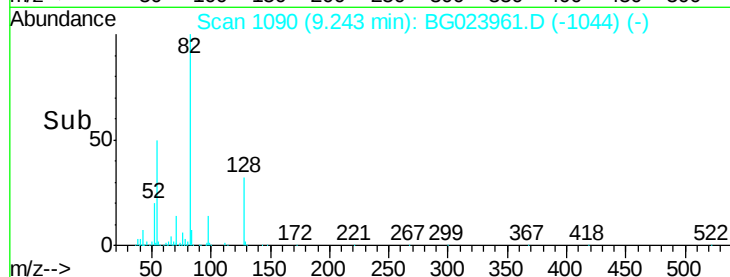
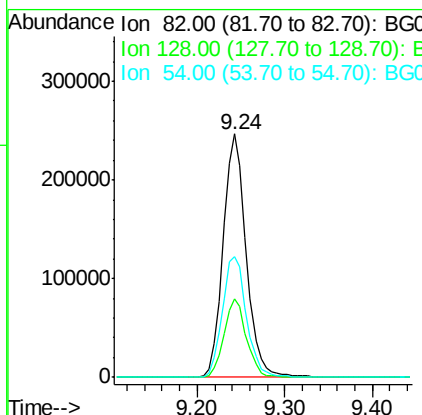
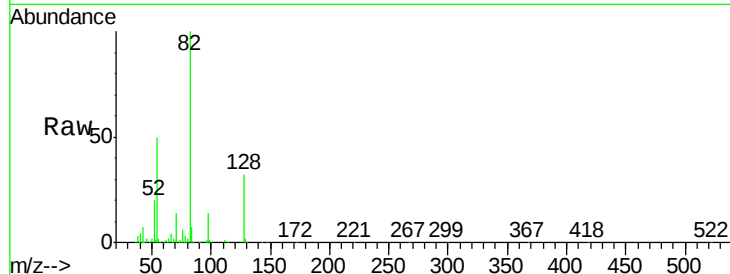




#23
 Nitrobenzene-d5
 Concen: 88.11 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.03 min
 Lab File: BG023961.D
 Acq: 7 Sep 2016 20:20

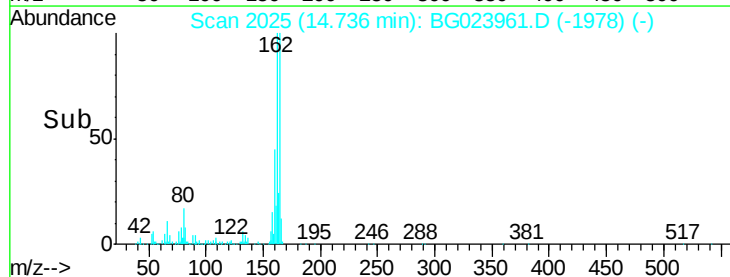
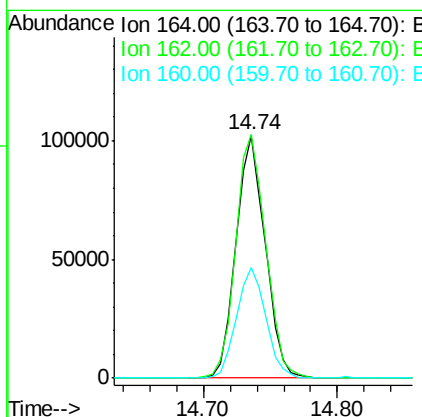
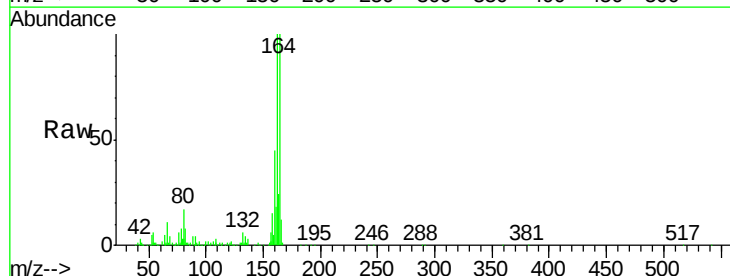
Instrument :
 BNA_G
 ClientSampleId :
 DI-SW-WEST

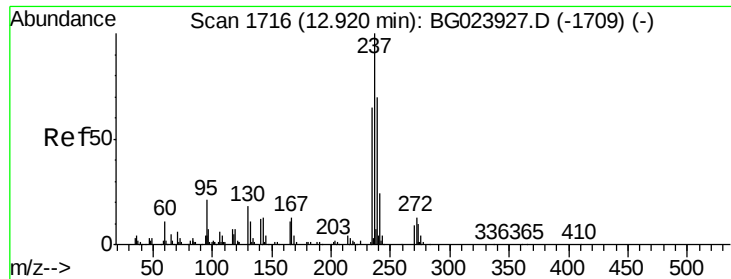
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	49.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BG023961.D
 Acq: 7 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	87.7	131.5
160	45.6	37.2	55.8





#40

Hexachlorocyclopentadiene

Concen: 7.11 ng

RT: 12.87 min Scan# 1708

Delta R.T. -0.05 min

Lab File: BG023961.D

Acq: 7 Sep 2016 20:20

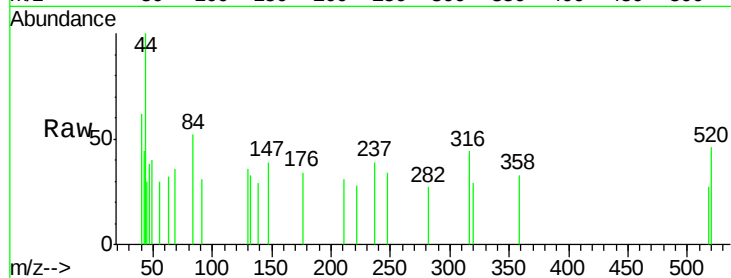
Instrument :

BNA_G

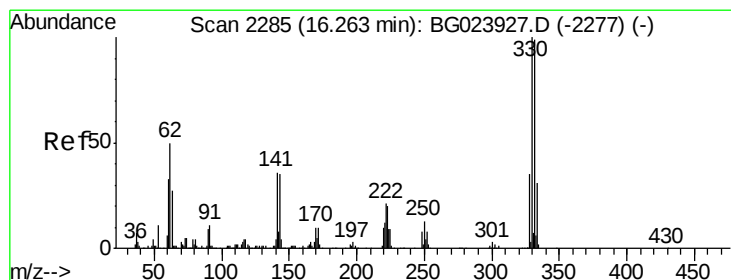
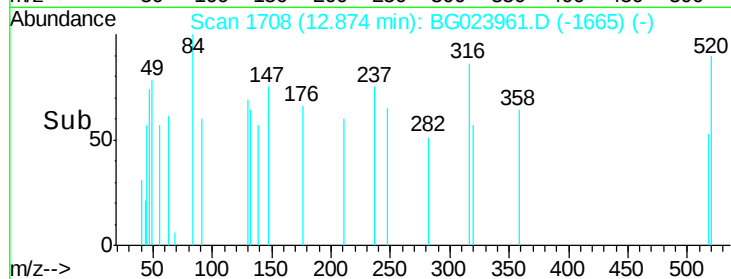
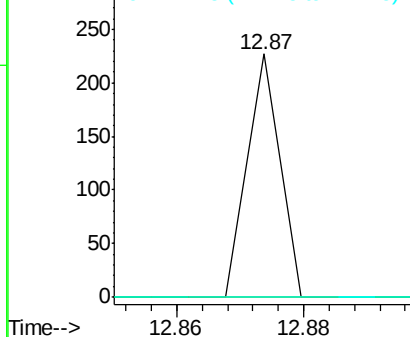
ClientSampleId :

DI-SW-WEST

Tgt Ion:	237	Resp:	80
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 110.76 ng

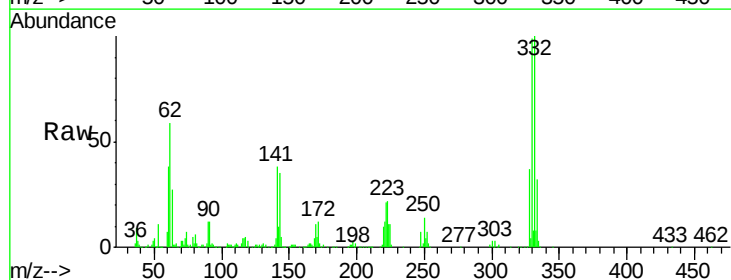
RT: 16.24 min Scan# 2281

Delta R.T. -0.02 min

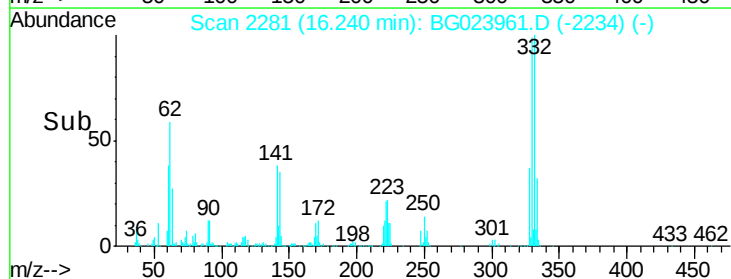
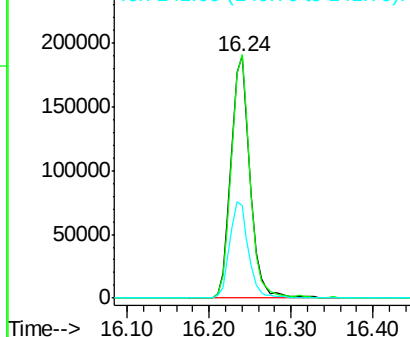
Lab File: BG023961.D

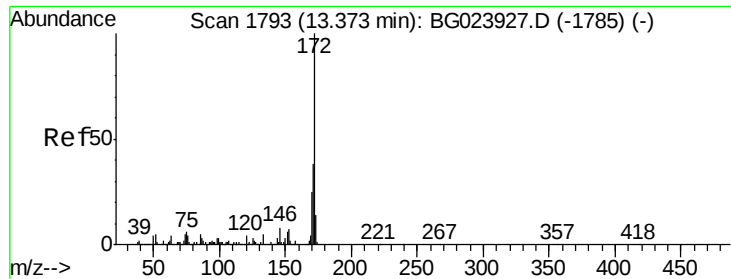
Acq: 7 Sep 2016 20:20

Tgt Ion:	330	Resp:	309286
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	39.0	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

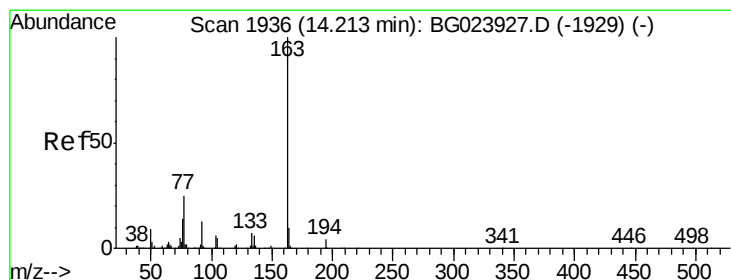
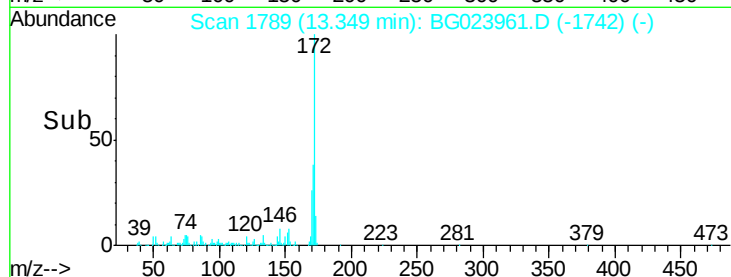
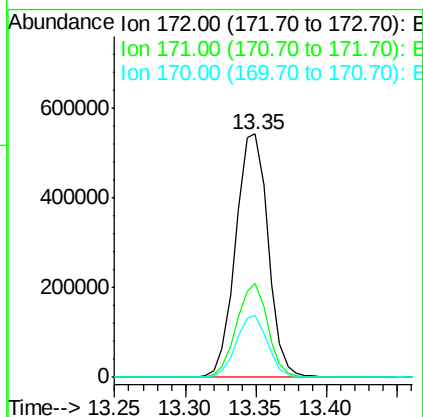
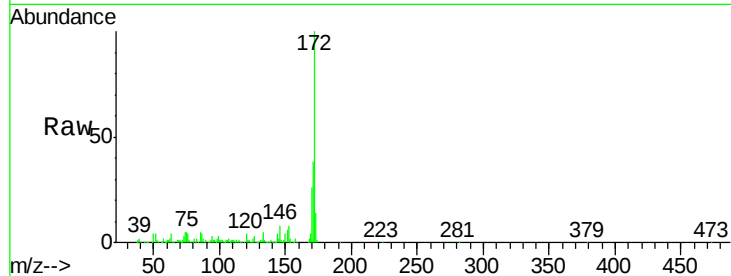




#44
2-Fluorobiphenyl
Concen: 80.57 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG023961.D
Acq: 7 Sep 2016 20:20

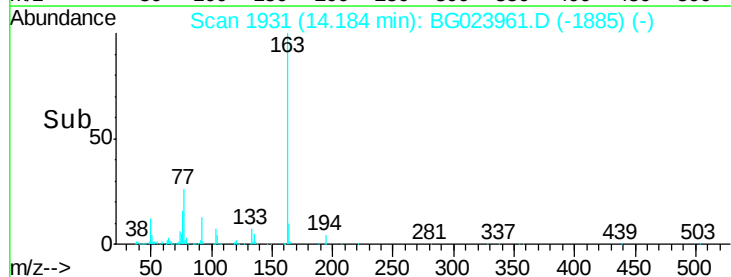
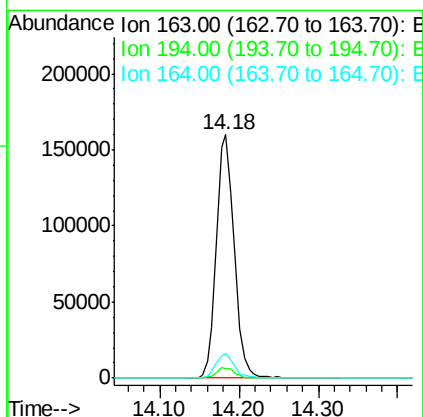
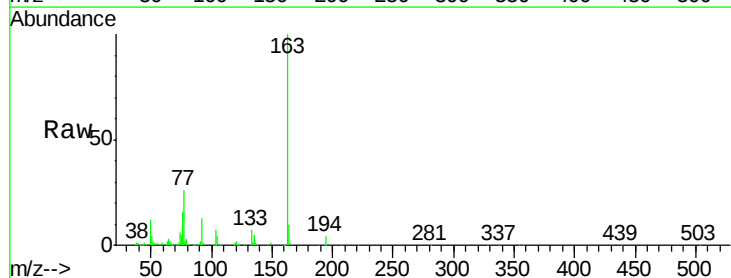
Instrument :
BNA_G
ClientSampleId :
DI-SW-WEST

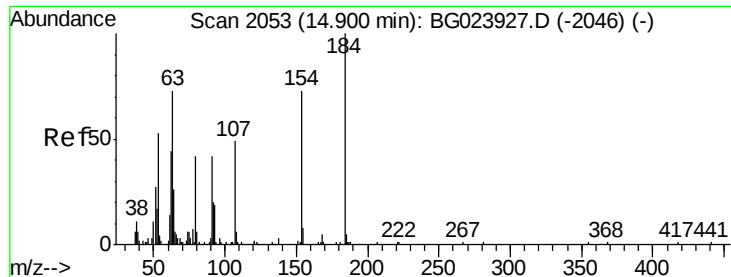
Tgt Ion:172 Resp: 871026
Ion Ratio Lower Upper
172 100
171 38.4 31.6 47.4
170 25.5 21.3 31.9



#49
Dimethylphthalate
Concen: 18.77 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG023961.D
Acq: 7 Sep 2016 20:20

Tgt Ion:163 Resp: 249497
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.1 8.1 12.1

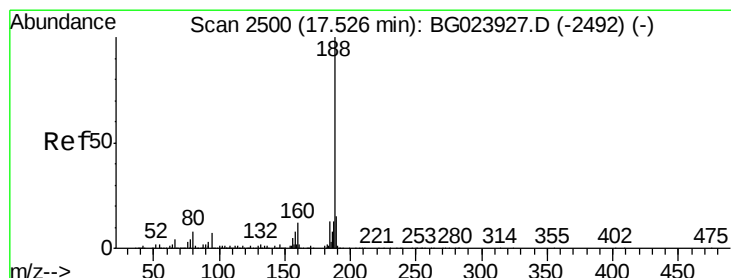
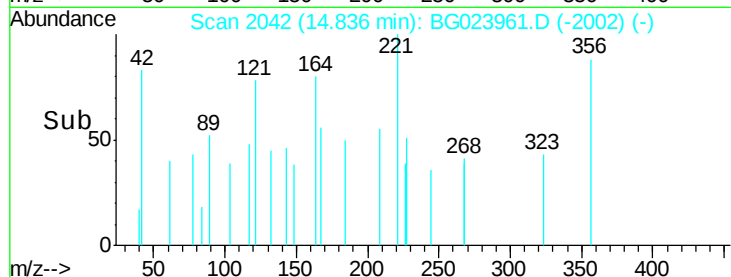
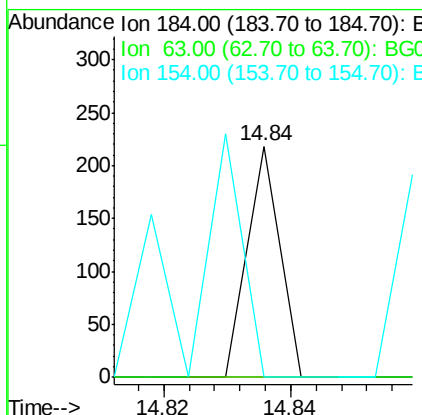
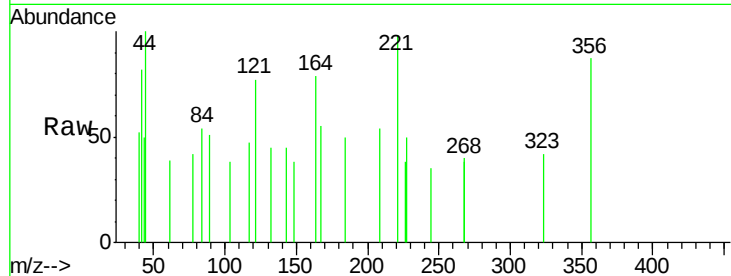




#53
 2,4-Dinitrophenol
 Concen: 6.55 ng
 RT: 14.84 min Scan# 2042
 Delta R.T. -0.06 min
 Lab File: BG023961.D
 Acq: 7 Sep 2016 20:20

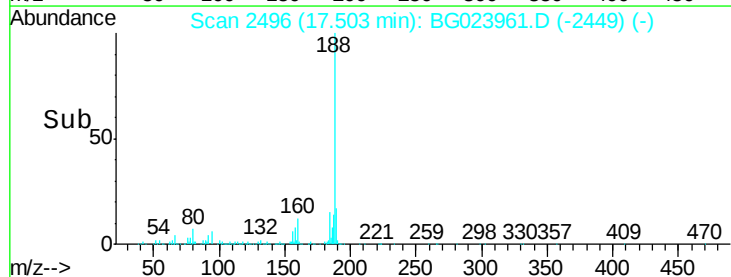
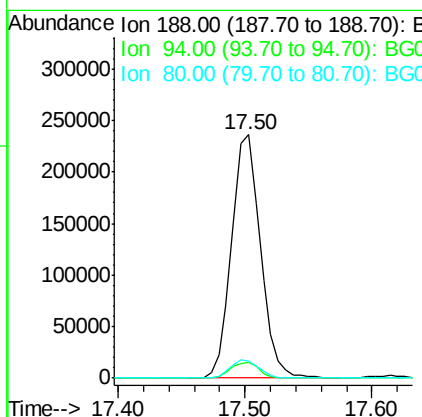
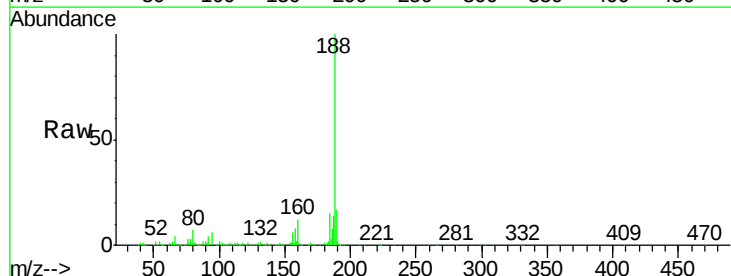
Instrument :
 BNA_G
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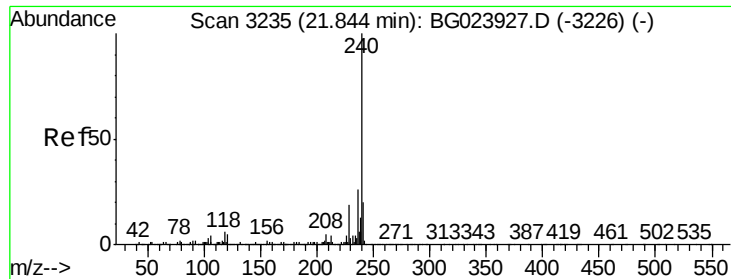
Tgt Ion:184 Resp: 77
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.02 min
 Lab File: BG023961.D
 Acq: 7 Sep 2016 20:20

Tgt Ion:188 Resp: 371960
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.2 7.8
 80 7.1 7.2 10.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.03 min

Lab File: BG023961.D

Acq: 7 Sep 2016 20:20

Instrument :

BNA_G

ClientSampleId :

DI-SW-WEST

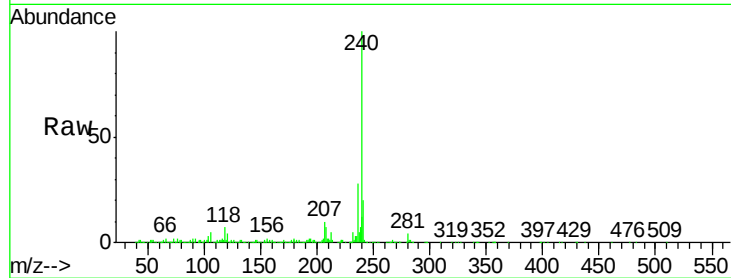
Tgt Ion:240 Resp: 387166

Ion Ratio Lower Upper

240 100

120 4.2 4.1 6.1

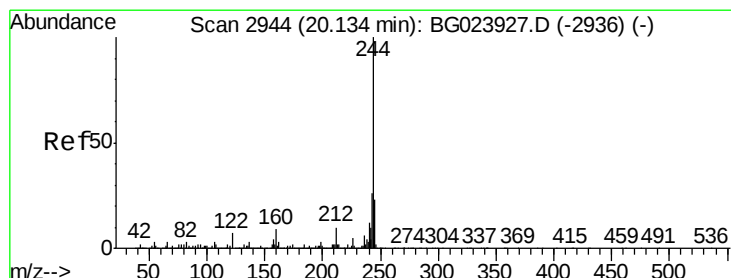
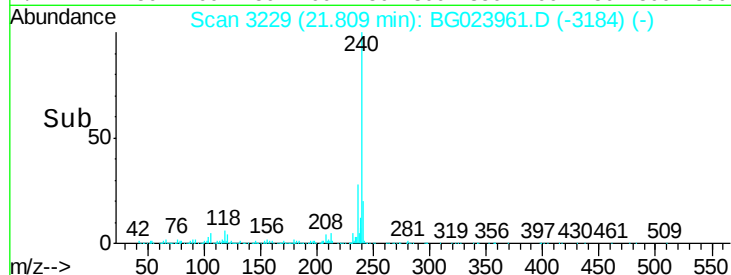
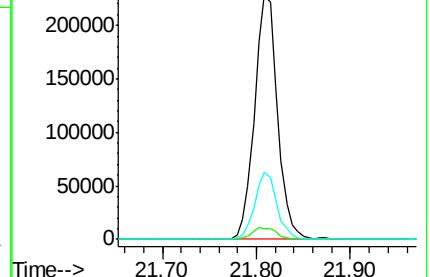
236 27.7 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 76.15 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG023961.D

Acq: 7 Sep 2016 20:20

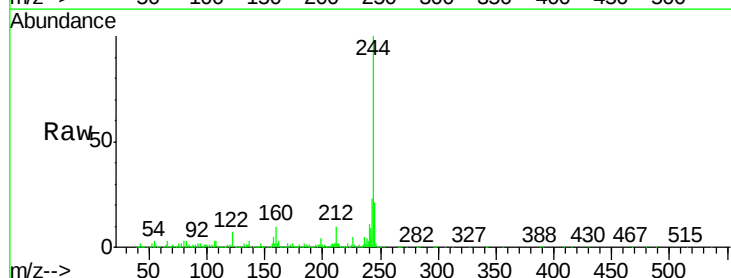
Tgt Ion:244 Resp: 1294518

Ion Ratio Lower Upper

244 100

212 9.8 10.8 16.2#

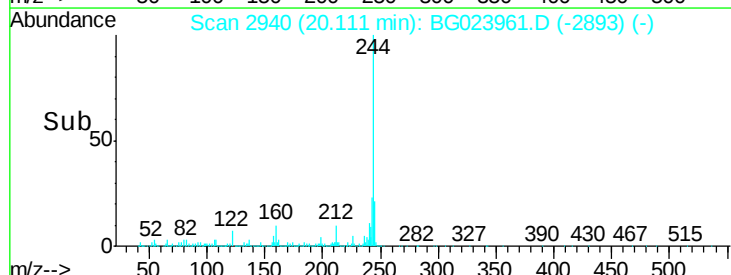
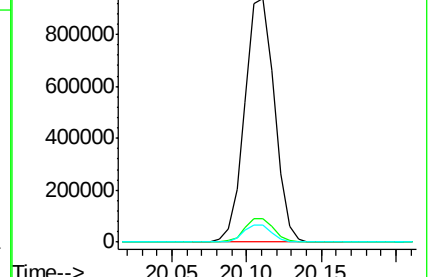
122 7.1 8.0 12.0#

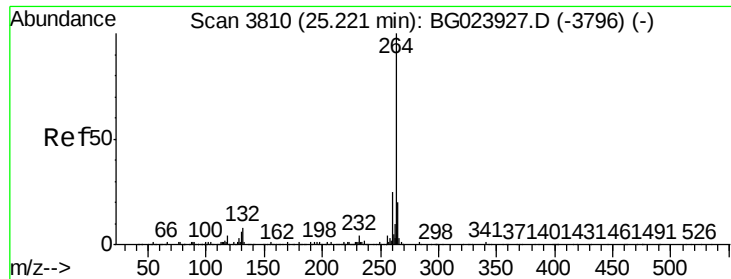


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.06 min
Lab File: BG023961.D
Acq: 7 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
DI-SW-WEST

Tgt Ion:	264	Resp:	389888
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.4	27.6
265	22.5	18.9	28.3

